

# JOHN COX'S CREATURE WORKSHOP



SCULPTING, SCANNING, MACHINING AND MORE...



John Cox's Creature Workshop is internationally acclaimed as Australia's leading specialist in the concept, design and manufacture of realistic animatronic and static animals, characters and fantasy creatures for film and TV.

Creator of the highly successful travelling museum exhibition 'How to Make a Monster - the art and technology of animatronics', JCCW has proven success in building static and interactive exhibits that meet the demands of today's museum guests.

JCCW have made a wonderful cast of creatures including megalanias for the BBC's 'Walking with Dinosaurs series', komodo dragons, kangaroos and most recently, turtles and sea lions for 'Nim's Island'. JCCW has a range of skills and services including in-house design, maquette sculpting, laser scanning and computer aided manufacture that provide a consistent level of excellence. John is a 1995 Visual Effects Academy Award winner for 'Babe' and a 2007 AFI Award winner for 'Rogue'.



[www.johncox.net](http://www.johncox.net)

## MAQUETTE SCULPTING

Maquettes can be sculpted as concept designs, 3D starting points to show shape and volume, or as finished reference sculptures. Maquettes can also be cut on our 5 axis milling machine from any obj. file. This could easily be an existing dinosaur constructed on a computer using 3D software.



## SCANNING BUREAU

Our state of the art laser scanning equipment can be used to scan sculptured maquettes or existing objects up to 1 metre along each axis. Scans can be made from almost any rigid object.



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## 5 AXIS MILLING SERVICE

Once the scanned data has been processed it is sent to our 5 axis milling machine. The bed size of the machine (xyz) is 3 metres (10 ft) x 1.5 metres (5 ft) x 900 mm (3 ft). Larger sculptures are sectioned up by our software and machined in multiple pieces that are then glued together. Types of materials that can be machined include polystyrafoam, Chavant clay, machine board, wood, polycarbonates and rigid epoxy tooling compounds. Sculptures are then fine detailed by hand depending on the finish required.



Large 2D relief panels are another application - photographs are converted to greyscale images and then machined. These panels can then be cast in concrete or in lightweight fibreglass.

Applications include events theming, positive or negative lightweight relief sculptured panels.

## SCULPTURE

Sculptures can be made from many materials depending on what type of finish is needed for the specific indoor or outdoor application.



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## REPLICAS AND FINISHES

Replicas can be made from the moulds in a variety of materials and finishes ranging from a single colour through to complex realistically painted skin and scale finishes, fur, even cold cast bronze or marble. JCCW is a world class animatronics facility able to bring your creations to life due to our extensive animatronics experience.



# DINOSAURS

AND ENDANGERED SPECIES



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